

09495157_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 09495157 on April 18, 2005

Original Classifications

4 707/3
3 707/1
3 709/223
3 709/225
3 713/201
3 713/202
2 709/203
2 709/206
2 709/220
2 709/222
2 709/227
2 709/229

Cross-Reference Classifications

8 707/10
6 707/3
6 709/217
5 709/203
5 709/219
4 709/206
4 709/229
3 707/101
3 707/9
3 709/218
3 709/226
3 713/155
3 713/201
2 707/103R
2 707/104.1
2 707/2
2 707/4
2 709/220
2 709/223
2 709/227
2 709/238
2 709/249
2 713/183
2 713/200
2 714/4
2 715/501.1

Combined Classifications

10 707/3
9 707/10
7 709/203
6 709/206
6 709/217
6 709/219
6 709/229
6 713/201
5 709/223
4 707/1
4 707/9
4 709/218
4 709/220
4 709/227
4 713/202
3 707/101

09495157_CLS

3 707/104.1
3 707/4
3 709/222
3 709/225
3 709/226
3 713/155
3 713/200
2 707/100
2 707/102
2 707/103R
2 707/2
2 709/201
2 709/202
2 709/238
2 709/249
2 713/176
2 713/183
2 714/4
2 715/501.1

09495157_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 09495157 on April 18, 2005

10	707/3	(4 OR, 6 XR)
	class 707 :	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
	707/1	DATABASE OR FILE ACCESSING
	707/3	.Query processing (i.e., searching)
9	707/10	(1 OR, 8 XR)
	class 707 :	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
	707/1	DATABASE OR FILE ACCESSING
	707/10	.Distributed or remote access
7	709/203	(2 OR, 5 XR)
	class 709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
	709/201	DISTRIBUTED DATA PROCESSING
	709/203	.Client/server
6	709/206	(2 OR, 4 XR)
	class 709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
	709/204	COMPUTER CONFERENCING
	709/206	.Demand based messaging
6	709/217	(0 OR, 6 XR)
	class 709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
	709/217	REMOTE DATA ACCESSING
6	709/219	(1 OR, 5 XR)
	class 709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
	709/217	REMOTE DATA ACCESSING
	709/219	.Accessing a remote server
6	709/229	(2 OR, 4 XR)
	class 709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
	709/227	COMPUTER-TO-COMPUTER SESSION/CONNECTION ESTABLISHING
	709/229	.Network resources access controlling
6	713/201	(3 OR, 3 XR)
	class 713 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: SUPPORT
	713/200	SECURITY
	713/201	.Computer network
5	709/223	(3 OR, 2 XR)
	class 709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
	709/223	COMPUTER NETWORK MANAGING
4	707/1	(3 OR, 1 XR)
	class 707 :	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
	707/1	DATABASE OR FILE ACCESSING
4	707/9	(1 OR, 3 XR)

09495157_CLSTITLES

Class	707	:	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
707/1			DATABASE OR FILE ACCESSING
707/9			.Privileged access
4	709/218	(1 OR, 3 XR)	
Class	709	:	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
709/217			REMOTE DATA ACCESSING
709/218			.Using interconnected networks
4	709/220	(2 OR, 2 XR)	
Class	709	:	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
709/220			NETWORK COMPUTER CONFIGURING
4	709/227	(2 OR, 2 XR)	
Class	709	:	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
709/227			COMPUTER-TO-COMPUTER SESSION/CONNECTION ESTABLISHING
4	713/202	(3 OR, 1 XR)	
Class	713	:	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: SUPPORT
713/200			SECURITY
713/202			.Password
3	707/101	(0 OR, 3 XR)	
Class	707	:	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
707/100			DATABASE SCHEMA OR DATA STRUCTURE
707/101			.Manipulating data structure (e.g., compression, compaction, compilation)
3	707/104.1	(1 OR, 2 XR)	
Class	707	:	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
707/100			DATABASE SCHEMA OR DATA STRUCTURE
707/104.1			.Application of database or data structure (e.g., distributed, multimedia, image)
3	707/4	(1 OR, 2 XR)	
Class	707	:	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
707/1			DATABASE OR FILE ACCESSING
707/3			.Query processing (i.e., searching)
707/4			..Query formulation, input preparation, or translation
3	709/222	(2 OR, 1 XR)	
Class	709	:	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
709/220			NETWORK COMPUTER CONFIGURING
709/222			.Initializing
3	709/225	(3 OR, 0 XR)	
Class	709	:	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
709/223			COMPUTER NETWORK MANAGING
709/225			.Computer network access regulating
3	709/226	(0 OR, 3 XR)	

09495157_CLSTITLES

	Class 709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
	709/223	COMPUTER NETWORK MANAGING
	709/226	.Network resource allocating
3	713/155	(0 OR, 3 XR)
	Class 713 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: SUPPORT
	713/150	MULTIPLE COMPUTER COMMUNICATION USING CRYPTOGRAPHY
	713/155	.Central trusted authority provides computer authentication
3	713/200	(1 OR, 2 XR)
	Class 713 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: SUPPORT
	713/200	SECURITY
2	707/100	(1 OR, 1 XR)
	Class 707 :	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
	707/100	DATABASE SCHEMA OR DATA STRUCTURE
2	707/102	(1 OR, 1 XR)
	Class 707 :	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
	707/100	DATABASE SCHEMA OR DATA STRUCTURE
	707/102	.Generating database or data structure (e.g., via user interface)
2	707/103R	(0 OR, 2 XR)
	Class 707 :	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
	707/100	DATABASE SCHEMA OR DATA STRUCTURE
	707/103R	.Object-oriented database structure
2	707/2	(0 OR, 2 XR)
	Class 707 :	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
	707/1	DATABASE OR FILE ACCESSING
	707/2	.Access augmentation or optimizing
2	709/201	(1 OR, 1 XR)
	Class 709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
	709/201	DISTRIBUTED DATA PROCESSING
2	709/202	(1 OR, 1 XR)
	Class 709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
	709/201	DISTRIBUTED DATA PROCESSING
	709/202	.Processing agent
2	709/238	(0 OR, 2 XR)
	Class 709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
	709/238	COMPUTER-TO-COMPUTER DATA ROUTING
2	709/249	(0 OR, 2 XR)
	Class 709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
	709/249	MULTIPLE NETWORK INTERCONNECTING

09495157_CLSTITLES

- 2 713/176 (1 OR, 1 XR)
 Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: SUPPORT
 713/150 MULTIPLE COMPUTER COMMUNICATION USING
 CRYPTOGRAPHY
 713/168 .Particular communication authentication
 technique
 713/176 ..Authentication by digital signature
 representation or digital watermark

- 2 713/183 (0 OR, 2 XR)
 Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: SUPPORT
 713/182 SYSTEM ACCESS CONTROL BASED ON USER
 IDENTIFICATION BY CRYPTOGRAPHY
 713/183 ..solely password entry (no record or token)

- 2 714/4 (0 OR, 2 XR)
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT
 DETECTION/RECOVERY
 714/100 DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING

 714/1 ..Reliability and availability
 714/2 ..Fault recovery
 714/3 ...By masking or reconfiguration
 714/4 Of network

- 2 715/501.1 (0 OR, 2 XR)
 Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF
 DOCUMENT
 715/500 PRESENTATION PROCESSING OF DOCUMENT
 715/501.1 ..Hypermedia

about 2
 above 2
 abstract 1
 acceptance 1
 access 26
 accessing 1
 accompanying 1
 accordance 4
 accordingly 2
 accounting 1
 across 1
 additional 1
 address 7
 adds 1
 administrative 4
 administrator 3
 advantages 1
 against 1
 attribute 1
 all 4
 allowed 2
 allowing 1
 allows 1
 also 11
 although 1
 amework 1
 amount 1
 amullican 1
 an 57
 and 82
 andrew 1
 another 3
 any 2
 ap 1
 apparent 2
 append 1
 applets 1
 appliances 1
 application 16
 applications 5
 applied 1
 appropriate 1
 ar 1
 arbitrary 2
 are 9
 area 7
 art 3
 as 29
 ashoff 1
 assist 1
 associated 2
 associates 1
 at 8
 attacks 2
 attdbute 1
 attempting 1
 attribute 4
 attributes 6
 authenticate 5
 authenticated 1
 authenticates 3
 authenticating 3
 authentication 38

authentication 1
 authorization 2
 author 1
 authorization 41
 authorizayion 1
 authorized 5
 automation 1
 available 2
 background 1
 based 10
 basis 2
 be 61
 bed 1
 been 5
 before 2
 begins 1
 behind 2
 being 3
 below 2
 between 6
 bind 1
 binds 1
 blank 1
 bmsed 2
 both 2
 breadth 1
 briefdescr 1
 browser 6
 browsing 1
 buffer 1
 burden 1
 burdensome 1
 business 1
 but 2
 button 1
 by 17
 call 1
 can 78
 cannot 1
 ce 1
 central 1
 certain 1
 challenge 1
 challenges 1
 chew 1
 cialized 1
 claims 1
 classes 3
 clata 1
 client 25
 code 1
 combination 1
 combined 1
 coming 1
 common 1
 communicate 1
 communication 2
 communications 9
 companies 2
 company 12
 comparison 1
 components 1
 composition 1

computer 12
 computers 3
 concepts 1
 configured 2
 confidential 1
 configure 1
 configured 2
 configures 1
 configuring 1
 conform 1
 connection 1
 connectivity 1
 consider 1
 contain 1
 contained 2
 configurations 1
 configured 3
 control 9
 controlled 1
 controlling 2
 conventional 3
 conventionally 2
 conversation 1
 corporate 4
 corporation 1
 correspond 1
 could 5
 country 2
 coupled 5
 criteria 1
 ctoly 1
 cumbersome 1
 customers 1
 dap 2
 data 5
 database 14
 databases 1
 datagram 1
 day 1
 ddail 1
 decisions 3
 dedicated 2
 defa 1
 defaplt 1
 default 1
 defend 1
 defense 2
 defi 1
 defines 1
 defned 1
 degree 2
 department 1
 depmmment 3
 des 1
 descdption 1
 descr 1
 described 3
 designed 1
 desirable 1
 desires 1
 destination 3
 destinations 1
 detail 2

detailed 1
 details 1
 detennine 2
 determination 2
 determine 3
 determines 3
 developed 2
 di 1
 different 2
 directoly 1
 directories 5
 directory 52
 diretory 2
 disclosed 1
 discourage 1
 discussed 2
 disguise 1
 distinct 1
 distributed 1
 do 1
 doc 6
 does 4
 done 1
 drawings 2
 each 7
 early 2
 easy 1
 ed 1
 electronic 1
 embedded 1
 embodiment 13
 embodiments 2
 employee 5
 employees 4
 enable 1
 enables 2
 enabling 1
 encoding 1
 encourage 1
 enf 1
 enforce 1
 engineering 2
 enter 5
 entered 2
 entries 2
 entry 6
 environment 2
 equivalents 1
 er 2
 especially 1
 etc 1
 etlIntroduction 1
 european 1
 every 1
 example 19
 exceeded 1
 exemplary 1
 exist 1
 existing 6
 exnmples 2
 exnmples 1
 expression 1
 external 5

external 10
facilitated 1
fails 2
feature 5
features 1
ffe 1
fhe 1
fhus 1
field 19
fields 2
fig 12
file 3
filter 11
finally 1
financial 1
find 1
firefall 1
firewall 38
firewalls 9
firvwalls 1
flexibly 3
flow 4
flter 2
following 2
for 44
foregoing 1
found 1
frequently 2
frewall 2
frewalls 1
from 13
ftp 2
fultilled 1
functions 1
fy 1
gain 1
gaining 1
gauntlet 1
gauntletuser 1
general 4
generally 3
given 1
global 1
graham 1
graphical 5
greater 3
group 5
groupoaames 1
groupofuniquenames 1
groupware 1
gui 4
guserltstamsr 1
hackers 1
hardware 3
has 5
have 3
having 4
he 5
herself 1
hijacking 1
himself 1
his 1
hodges 1

host 6
how 3
however 3
html 1
http 2
human 1
hwp 1
hypertext 1
identification 2
identifier 1
identify 2
identifying 2
identilcation 1
identitkation 1
if 8
ihis 1
illustrated 8
illustrates 9
illustration 1
implement 4
implementations 1
implemented 2
implementing 1
imposed 1
in 49
include 10
included 6
includes 9
including 9
independently 2
indexz 1
indicate 1
indudes 1
infonnation 1
informat 1
information 19
infrastrucmre 2
infrastructure 1
infrequently 1
inherent 1
initialized 1
initiates 1
inted 1
integrate 1
integrated 2
intemal 5
intenwt 1
interact 2
intercepted 1
interface 5
internal 8
internet 2
into 2
invention 20
inventors 1
investment 2
ip 3
irc 2
is 51
isolate 1
it 9
its 5
ix 3

izl 1
jedbrming 1
jeffrey 1
jgrahnm 1
jz 2
ke 1
kj 1
known 1
large 2
later 1
layer 1
lda 1
ldap 56
le 1
least 1
leaving 1
level 5
leveraged 2
leveraging 1
lf 1
lightweight 7
limit 1
limitation 1
limitations 1
limited 1
list 2
ln 8
lnc 1
Indeed 1
lntemet 2
Internet 2
location 3
lookup 1
lt 4
mactivil 1
mail 6
maintain 1
maintenance 2
make 1
malmer 1
management 1
mandate 1
mandates 1
may 2
me 1
mean 1
means 1
mechanism 5
mechanisms 4
mechanisms 1
member 2
memberships 1
method 5
might 2
model 1
modification 1
modified 1
modifying 1
module 12
monitoring 1
more 13
moreover 1
ms 2

mullican 1
multiple 4
must 1
na 1
nai 1
name 3
namespace 1
ne 4
need 3
needed 2
needs 2
networki 1
network 38
networks 5
new 1
ng 1
nnmes 2
no 2
nomas 1
not 10
noted 2
number 3
object 3
ocess 1
of 77
office 1
oflkrs 1
ofthe 5
ohen 1
olicy 1
om 2
on 14
once 1
one 11
only 4
operate 1
operative 2
or 24
oren 2
organization 8
organizations 1
organized 1
originated 1
originating 1
orjotning 1
orks 1
ormation 1
ot 1
other 6
ovemm 1
over 1
own 6
packaged 1
packages 1
packet 2
page 14
pair 1
pairs 1
parse 1
part 3
participate 1
particular 2
parting 1

particularly 1
partnering 2
parts 2
pass 1
password 3
passwords 3
path 2
per 13
perimeter 2
person 1
pertbrm 1
phone 1
placed 1
platforms 1
pmicular 1
pmssword 1
point 1
polic 1
policy 1
populate 1
port 8
portion 1
portions 1
possibly 1
potentially 1
preferred 2
present 13
presentation 1
presented 1
previous 1
primarily 1
primary 4
process 8
product 4
prog 1
program 3
programming 1
programs 5
progrnm 2
progrnms 4
prompt 1
protect 1
protected 1
protocol 23
protocols 1
provide 3
provided 2
provides 1
providing 1
proxy 1
ption 1
pumoses 1
query 3
radio 1
ram 1
ranging 1
rather 1
rc 1
rce 2
re 13
read 2
reading 1
reater 1

receipt 2
recently 1
recognize 1
reducing 1
referenced 1
related 1
relates 1
relevant 2
relies 1
remedy 1
remember 1
represent 1
request 6
requests 2
require 3
required 1
requirements 2
requires 1
rerouting 1
resistance 1
reso 1
resource 4
resources 7
response 1
restrict 2
restricted 1
result 1
results 1
retrieve 1
rhe 1
rich 1
rit 1
rm 1
rockville 1
rogue 1
routers 1
run 1
running 1
sales 1
santa 1
satisfied 1
satisfies 2
satisfy 4
schema 4
scheme 10
scope 2
scretn 1
search 8
searchbase 1
searchbmse 1
secondary 5
seconds 1
secu 1
secure 1
security 1
segment 2
segmented 1
selected 3
send 1
senmlessly 1
sensitive 2
separate 1
serches 1

serker 1
server 29
serves 1
service 10
services 5
session 1
set 9
sets 1
settings 8
should 6
shown 5
similar 1
simple 2
simplest 1
siness 1
single 1
site 1
size 1
skilled 2
sll 1
s/ter 1
smtp 1
so 4
sockets 1
sof 1
software 2
sorware 3
sought 1
source 2
sp 1
specifcally 1
specific 2
specifically 1
specification 2
specified 2
specifies 1
specifk 1
specifying 1
specitied 1
speoifkally 1
spirit 1
spreadsheets 1
srewall 1
standard 3
standardization 1
standards 1
stated 2
static 1
steve 1
stnzcture 1
store 5
stored 3
stores 1
storing 1
strford 1
subject 1
such 14
summary 1
support 2
supports 2
system 5
systems 1
take 1

talks 1
tcp 1
tdspoofing 1
technique 1
technology 1
th 2
than 1
that 35
the 154
their 4
then 7
there 1
therefore 3
these 1
they 2
this 12
those 1
through 8
thus 2
tield 6
tile 1
tilter 7
time 2
timeout 3
tion 1
tirewall 13
tirewalls 1
tkser 1
tl 1
tllrough 1
tlzrough 1
to 99
tobjectcl 1
today 3
top 1
traffic 2
traffk 1
traftic 1
transactions 1
transfer 2
transfers 2
transmission 1
transport 2
tree 4
trusted 1
tobjectclass 1
tweb 1
two 2
type 1
types 1
typically 2
udp 1
uid 1
ukoi 1
unauthorized 1
understood 2
unique 1
uniquely 2
unwieldy 1
updated 2
updates 1
upon 5
us 2

use 8
used 26
usem 1
username 1
usemme 1
user 41
username 3
usernme 1
userpassword 1
users 15
uses 2
using 7
utilize 1
vailable 1
valid 1
value 2
values 2
variety 1
various 1
verify 1
vi 2
via 5
view 1
viewing 1
viruses 1
vl 3
vmst 1
ware 3
was 2
way 1
web 2
what 3
whatever 1
when 4
where 2
whether 8
which 3
while 4
wide 3
will 4
with 11
within 4
without 2
wordprocessors 1
words 1
world 2
would 2
writing 1
written 1
yattribute 1
zation 1